

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 CFR 1.10	
I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on <u>March 26, 2004</u> with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. <u>EV416701877US</u> addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
<u>3/26/04</u> Date	<u>Keith M. Tackett</u> Signature

22390 U.S. PTO  
10/811230  
032604

Re:Inventor(s): SESHADRI GANGULI; KAVITA SHAH; NIRMAYA MAITY; MEI CHANG  
Title: RUTHENIUM LAYER FORMATION FOR COPPER FILM DEPOSITION

Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract 47 Total Pages
- ☒ Drawings ☒ Formal ☐ Informal 5 Total Pages
- ☐ Executed Declaration and Power of Attorney
- ☐ Information Disclosure Statement with List
- ☐ Assignment of the Invention to **Applied Materials, Inc.**
- ☐ Assignment Recordation Cover Sheet

**FEE CALCULATION**

	NUMBER OF CLAIMS FILED	LESS NUMBER PAID BY BASIC FEE	NUMBER OF EXTRA CLAIMS (Not less than zero)	ENTITY FEE
Basic Fee				\$770.00
Total Claims	55	- 20 = 35	X \$18 =	\$630.00
Independent Claims	8	- 3 = 5	X \$86 =	\$430.00
First Presentation of Multiple Dependent Claims			+ \$.00	-0-
Total Filing Fee Calculation				\$1830.00

- ☐ The Commissioner is hereby authorized to charge \$1830.00 to Deposit Account No. 50-1074/AMAT/5975.P2/KMT. A duplicate copy of this transmittal is enclosed.
- ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074/AMAT/5975.P2/KMT. A duplicate copy of this transmittal is enclosed.
- ☒ Please address all future correspondence to: ☒ Please direct all telephone calls to:  

**PATENT COUNSEL**  
**APPLIED MATERIALS, INC.**  
Legal Affairs Department  
P.O. Box 450A  
Santa Clara, CA 95052

**B. Todd Patterson**  
**713-623-4844**

Respectfully submitted,

Keith M. Tackett  
Keith M. Tackett  
Registration No. 32,008